

**ABSTRACT OF THE DISCLOSURE**

A technique for storing accurate operating current values using programmable elements on memory devices. More specifically, programmable elements, such as antifuses, located on a memory device are programmed with measured operating current values corresponding to the memory device, during fabrication. The memory device may be incorporated into a memory module that is incorporated into a system. Once the memory module is incorporated into a system, the programmable elements may be accessed such that the system can be configured to optimally operate in accordance with the operating current values measured for each memory device in the system.